

Application No.: 09/755,204

Docket No.: 59097US (30471)

LISTING OF THE CLAIMS:

1-81 (canceled)

82. (currently amended) A method of improving pregnancy rates in a ~~non-human-mammal~~
female bovine, comprising:

culturing adult bovine fibroblast donor cells in serum starved media;

passaging the cells ~~between~~ for about 10 and about 15 passages;

nuclear transferring the donor cells into enucleated recipient bovine oocytes to form a
cybrid; ~~oocyte cells to promote cell fusion and embryo formation;~~

culturing ~~nuclear-transferred embryos in serum-supplemented media~~ the cybrid to form
blastocytes; and

transferring the blastocytes cybrid into a recipient ~~non-human-mammal~~ female bovine
wherein pregnancy rates are up to at least about 64% ~~based on the number of embryo~~
~~recipients.~~

83. (currently amended) The method of claim 82 wherein the fibroblast cells are obtained
from an ~~aged non-human-mammalian~~ a male bovine donor.

84. (currently amended) The method of claim 83 wherein ~~the aged donor is a bovine~~ the
male bovine donor is aged.

85. (canceled)

86. (currently amended) The method of claim 84 wherein the aged male bovine donor is 17
years old.

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87. (previously presented) The method of claim 82 wherein the serum starved media contains up to 0.5% serum.
88. (previously presented) The method of claim 82 wherein the passaging is 10 passages.
- 89-95. (canceled).

Numbering

1 2 3 4
82 - 83 - 84 - 85
87 5
88 6